Welcome to

GROUNDWATER U

Building an understanding of groundwater at Santa Susana Field Laboratory

Sponsored by:
The Boeing Company, DOE, and NASA in cooperation with the California Department of Toxic Substances Control (DTSC)

Groundwater U: Why Now?

- DOE, NASA, and Boeing submitted a highly technical site-wide Groundwater Investigation Report to DTSC
- DTSC will invite public review and comment on the Groundwater Investigation Report
- The series of education sessions was designed to help you prepare to review the Groundwater Investigation Report

Groundwater U: The Plan

- Six sessions and a geology field trip
- All presentations will begin at 6:30 p.m.
- It's not too late to register: http://groundwateru1.eventbrite.com
- Informational materials provided for registered participants
- Geology field trip will be on Saturday, April 30 – following the 4th presentation

Two Sets of Sessions

Introductory Sessions

1. Geology/ Hydrogeology
2. Contaminant Fate and Transport
3. Remedial Alternatives

SSFL-Specific Sessions

1. Groundwater Flow at SSFL
2. Contaminant Sources at SSFL
3. Contaminant Fate and Transport at SSFL

Dates and Locations

Introductory Sessions

Grand Vista Hotel

999 Enchanted Way

Simi Valley, CA

- Tuesday, March 8th
- Tuesday, March 15th
- Tuesday, April 5th

SSFL-Specific Sessions

Corporate Point West Hills Auditorium

8413 Fallbrook Avenue

West Hills, CA

- Thursday, April 28th
- Thursday, May 5th
- Thursday, May 19th

Introductory Sessions

- Geology/Hydrogeology, Dr. Richard Laton, Associate Professor of Hydrogeology, Department of Geological Sciences, California State University, Fullerton
- Contaminant Fate and Transport, Dr. Matthew Becker, Professor and Conrey Endowed Chair of Hydrogeology, Department of Geological Sciences, California State University, Long Beach
- Groundwater Remediation Approaches, Dr. Matthew Becker

SSFL-Specific Sessions

Presenters - the SSFL Groundwater Advisory Panel:

- Dr. John Cherry, Distinguished Professor Emeritus, University of Waterloo, and Adjunct Professor, University of Guelph
- Dr. David McWhorter, Distinguished Professor Emeritus, Department of Chemical &Agricultural Engineering, Colorado State University
- Dr. Beth Parker, Professor and Canadian NSERC Industrial Research Chair in Fractured Rock Contamination Hydrology, School of Engineering, University of Guelph

What's in your notebook?

- In the front, a copy of this presentation
- Tabs for each session – we will give you copies of each presentation as you arrive for future sessions for you to slip into the notebook
- Presentation handouts will be posted on the
- In the back: a glossary of terms, a list of acronyms, a list of additional readings, and a section with brief biographies for each of our presenters

Tonight's Presentation

- Topic: **Geology/Hydrogeology**
- Presenter: **Dr. Richard Laton, Cal State Fullerton**
- Agenda:

6:30 – 6:40	**Welcome and Introductions, Wendy Lowe & Tom Seckington**
6:40 – 7:30	**Presentation, Dr. Laton**
7:30 – 8:00	**Demonstration, Dr. Laton**
8:00 – 8:30	**Questions and Answers, All**

Proposed Ground Rules

- Limit distractions (silence cell phones, leave the room for conversations)
- Allow the presenters to provide as much information as possible by holding questions until the end
- Ask questions that are relevant to the topic being discussed this evening
- Use the microphone to ask questions so that others will be able to hear you
- Save comments on the Groundwater Report until the DTSC's public comment period

Questions…

What questions do you have about geology and hydrogeology?

Questions…

If you think of questions later about the information presented today, feel free to contact:

Thomas M. Seckington, C.HG.
Senior Engineering Geologist
Department of Toxic Substances Control
ph. 714) 484-5424
email: tseckington@dtsc.ca.gov